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Date: 2/19/2019 6:03:00 PM  
Subject: Update - 19 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

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Hello all:

An update on the Lindsey Lake tanker spill (I-84, MP 54):

**Today's operations:**

- We hit our stride today operationally, clearing approximately 70% of the petroleum-contaminated snow and ice from the eastbound lanes and shoulder of I-84. This snow contained an estimated 70 gallons of diesel fuel. We anticipate wrapping up snow removal operations on the eastbound lanes (south side of highway) tomorrow.
- On the north side of the highway, we deployed the hydronic heater to accelerate our flushing and recovery operations. The oily water liberated from the melting snow was collected in the interceptor trench at the toe of the embankment above Lindsey Lake. On-water recovery continued using sorbent pads and sorbent boom. Together, these methods allowed us to recover a significant additional amount of the spilled fuel.
- The presence of the Oregon State Police on site today provided a much-needed boost in safety for our responders working on the roadway. There's nothing quite like the presence of a state trooper to slow passing interstate traffic down to safe speeds. Unified Command sincerely appreciates OSP's support of the ongoing response.
- We estimate we have recovered between 400 and 1000 gallons of spilled fuel to date, using a variety of tactics. Lane closures will be in place in both travel directions for at least a few more days.
- We had one slip and fall injury on the site late yesterday; the individual is recuperating after a visit to the emergency room and has been demobilized from the incident to rest up at home.

**Outlook for tomorrow:**

- We will continue operations tomorrow on both sides of the roadway and on the water. U.S. Army Corps of Engineers personnel will be on site to observe the cleanup.
- Unified Command has approved a plan for transition of the incident from the emergency response phase toward assessment and removal of contaminated soil and diesel fuel that remains in the surface and subsurface environment. We will be implementing this plan in the coming days. Activities will include soil excavation, a robust soil sampling plan, continued water sampling, drilling beneath the highway shoulder for characterization and possible recovery of diesel fuel, and monitoring of Lindsey Lake and Lindsey Creek. The incident will remain under supervision by Unified Command and the DEQ Emergency Response program.
- Chris Richardson (DEQ Salem) will be taking over Environmental Unit duties from Charles Kennedy and Bryn Thoms, who have both provided outstanding support and expertise over the past days.

**Environmental monitoring and assessment activities:**

- We amended our site sampling and analysis plan to include additional sampling in the water column of Lindsey Lake where the heaviest sheen is present in the primary containment area.
- We continue to review and evaluate daily water sampling and air monitoring data. The Environmental Unit spent much of the day coordinating with ODOT to establish the underlying geology and land use history of the incident site.
- Shoreline Cleanup and Assessment activities continued by kayak. One dead fish was found today within the primary containment area, where a heavy sheen continues to be observed. The U.S. Fish & Wildlife Service has taken custody of the carcass for analysis.

Very respectfully,

Jamie

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